DECLARATION AND POWER OF ATTORNEY FOR U.S. PATENT APPLICATION

(X) Origin	al () Supplemental ()	Substitute (X) PCT	() Design	
As a below named inventor, I to my name; that I verily believe that I to int inventor (if plural inventors are namentitled:	m the original, first and sole	inventor (if only one na	ime is listed below) or a	an original, first and
Title: MEIOTIC RECOMBINATION I	N VIVO OF PARTIALLY H	OMOLOGOUS DNA S	EQUENCES	
of which is described and claimed in: (1) the attached specification, or (X) the specification in the application and with amendments through (X) the specification in International Apon (if application) (In a property of the property	(if applicable), or plication No. PCT/GB97/00 able). Inderstand the content of the ne Patent and Trademark Of gulations, §1.56. le 35, United States Code, §1 below and have also identification.	above-identified specific fice all information knowns 19 (and §172 if this appled below any application	eation, including the class with the meterial section is for a Design) of the control of the con	ims, as amended by
COUNTRY	APPLICATION N	NO. D	ATE OF FILING	PRIORITY CLAIMED
US	60/014,490		April 1, 1996	Yes
	<i>.</i>			
hereby claim the benefit under Title 3 subject matter of each of the claims of the first paragraph of Title 35, United Stan Title 37, Code of Federal Regulation nternational filing date of this application	his application is not disclose tes Code §112, I acknowledg s, §1.56 which occurred betwon:	ed in the prior United Stethe duty to disclose inforcen the filing date of the	ates application in the pormation material to pate prior application and	manner provided by entability as defined the national or PCT
APPLICATION SERIAL NO.	U.S. FIL	ING DATE	STATUS: PATENTI ABANDO	

And I hereby appoint John T. Miller, Reg. No. 21,120; Michael R. Davis, Reg. No. 25,134; Matthew M. Jacob, Reg. No. 25,154; Jeffrey Nolton, Reg. No. 25,408; Warren M. Cheek, Jr., Reg. No. 33,367; Nils E. Pedersen, Reg. No. 33,145; and, Charles R. Watts, Reg. No. 33,142, who together constitute the firm of WENDEROTH, LIND & PONACK, L.L.P. jointly and severally, attorneys to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith.

I hereby authorize the U.S. attorneys named herein to accept and follow instructions from	
STEVENS, HEWLETT & PERKINS	as to any action to be taker
in the U.S. Patent and Trademark Office regarding this application without direct communication between	the U.S. attorneys and myself.
In the event of a change in the persons from whom instructions may be taken, the U.S. attorneys named h	erein will be so notified by me.

Send Correspondence to

Direct Telephone Calls to:

WENDEROTH, LIND & PONACK, L.L.P. 2033 K Street, N.W., Suite 800 Washington, D.C. 20006

WENDEROTH, LIND & PONACK, L.L.P. Area Code (202) 721-8200

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Full Name of Third Inventor	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
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Post Office Address	ADDRESS	CITY	STATE OR COUNTRY ZIP CODE
Full Name of	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
Fourth Inventor			
Fourth Inventor Residence & Citizenship	crry	STATE OR COUNTRY	COUNTRY OF CITIZENSHIP

Full Name of Fifth Inventor	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
Residence & Citizenship	спу	STATE OR COUNTRY	COUNTRY OF CITIZENSHIP
Post Office Address	ADDRESS	CITY	STATE OR COUNTRY ZIP CODE
Full Name of Sixth Inventor	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
Residence & Citizenship	СІТУ	STATE OR COUNTRY	COUNTRY OF CITIZENSHIP
Post Office Address	ADDRESS	CITY	STATE OR COUNTRY ZIP CODE
Full Name of Seventh Inventor	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
Residence & Citizenship	СІТУ	STATE OR COUNTRY	COUNTRY OF CITIZENSHIP
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Post Office Address I further declare lieved to be true; a	and further that these statemer	crrv in of my own knowledge are true, and that a nts were made with the knowledge that willfu	I false statements and the like so made
Post Office Address I further declare elieved to be true; a mishable by fine of a tements may jeopatt Inventor	that all statements made here and further that these statement or imprisonment, or both, ur ardize the validity of the appl	in of my own knowledge are true, and that a	Il statements on information and belie Il false statements and the like so mad Il States Code, and that such willful
Post Office Address I further declare clieved to be true; a mishable by fine of atements may jeopate the liventor Rho	that all statements made here and further that these statement imprisonment, or both, urardize the validity of the applicate the Harriet BORTS	in of my own knowledge are true, and that a nts were made with the knowledge that willfunder Section 1001 of Title 18 of the United lication or any patent issuing thereon.	Il statements on information and belie Il false statements and the like so mad I States Code, and that such willful Date
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Post Office Address I further declare	that all statements made here and further that these statement in imprisonment, or both, un ardize the validity of the appl and Harriet BORTS vard John LOUIS	in of my own knowledge are true, and that a nts were made with the knowledge that willfunder Section 1001 of Title 18 of the Unitedication or any patent issuing thereon.	Il statements on information and belie il false statements and the like so mad il States Code, and that such willful Date Date Date Date Date Date Date Date Date Date
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Title of Invention MEIOTIC RECOMBINATION IN VIVO OF PARTIALLY HOMOLOGOUS DNA SEQUENCES

DECLARATION AND POWER OF ATTORNEY FOR U.S. PATENT APPLICATION

ny name; that I verily believe	tor, I hereby declare that: my residence that I am the original, first and sole inve re named below) of the subject matter w	entor (if only one name is listed belo	w) or an original, first and
ntitled:			
"itle: <u>MEIOTIC RECOMBINATIO</u>	N IN VIVO OF PARTIALLY HOMOLOGOU	US DNA SEQUENCES	
f which is described and claime			
) the attached specification, of the specification in the appli	cation Serial No.	filed;	
-and with amendments throu	gh (if applicable onal Application No. PCT/ <u>GB97/00875</u>	e), or	, and as amended
hereby state that I have review y any amendment(s) referred t	wed and understand the content of the a o above.	bove-identified specification, including	ng the claims, as amended
I acknowledge my duty to disclodefined in Title 37, Code of Fed	ose to the Patent and Trademark Office deral Regulations, §1.56.	all information known to me to be	material to patentability as
or patent or inventor's certificat	nder Title 35, United States Code, §119 to listed below and have also identified by pplication on which priority is claimed:	(and §172 if this application is for a D below any application for patent or in	esign) of any application(s) wentor's certificate having
COUNTRY	APPLICATION NO.	DATE OF FILING	PRIORITY CLAIMED
US	60/014,490	DATE OF FILING 1 April 1996	
			CLAIMED
hereby claim the benefit under ubject matter of each of the claim the first paragraph of Title 35, Urd in Title 37, Code of Federal PCT international filing date of the second s	Title 35, United States Code, §120 of an ims of this application is not dislcosed in ited States Code, §112, I acknowledge the Regulations, §1.56 which occurred betwhis application.	1 April 1996 1 April 1996 In United States application(s) listed the prior United States application in the duty to disclose information materizeen the filing date of the prior application.	below and, insofar as the in the manner provided by ial to patentability as definication and the national o
hereby claim the benefit under ubject matter of each of the claim the first paragraph of Title 35, Ur	Title 35, United States Code, §120 of an ims of this application is not dislcosed in ited States Code, §112, I acknowledge the Regulations, §1.56 which occurred betwhis application.	1 April 1996 ny United States application(s) listed the prior United States application in the duty to disclose information materiate the filing date of the prior application in the duty to disclose information materiate the filing date of the prior application.	below and, insofar as the in the manner provided be ial to patentability as defin
hereby claim the benefit under ubject matter of each of the claim the first paragraph of Title 35, Urd in Title 37, Code of Federal PCT international filing date of the second s	Title 35, United States Code, §120 of an ims of this application is not dislcosed in ited States Code, §112, I acknowledge the Regulations, §1.56 which occurred betwhis application.	1 April 1996 ny United States application(s) listed the prior United States application in the duty to disclose information materiate the filing date of the prior application in the duty to disclose information materiate the filing date of the prior application.	below and, insofar as the in the manner provided be ial to patentability as definition and the national of the patentability.

And I hereby appoint John T. Miller, Reg. No. 21,120; Michael R. Davis, Reg. No. 25,134; Matthew M. Jacob, Reg. No. 25,154; Jeffrey Nolton, Reg. No. 25,408; Warren M. Cheek, Jr., Reg. No. 33,367; Nils E. Pedersen, Reg. No. 33,145 and Charles R. Watts, Reg. No. 33,142, who together constitute the firm of WENDEROTH, LIND & PONACK, L.L.P., attorneys to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith.

I hereby authorize the U.S. attorneys named herein to accept and follow instructions from Stevens Hewlett & Perkins
as to any action to be taken in the U.S. Patent and Trademark Office regarding this application without direct communication between the U.S. attorneys and myself. In the event of a change in the persons from whom instructions may be taken, the U.S. attorneys named herein will be so notified by me.

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Full Name of Sixth Inventor	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
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Post Office Address	ADDRESS	CFTY	STATE OR COUNTRY ZIP CODE
Full Name of Seventh Inventor	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
Residence & Citizenship	CITY	STATE OR COUNTRY	COUNTRY OF CITIZENSHIP
Post Office Address	ADDRESS	. CITY	STATE OR COUNTRY ZIP CODE

I further declare that all statements made herein of my own knowledge are true, and that all statements on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

1st Inventor RHONA HARRIET BORTS	Date 30/9/98
RHONA HARRIET BORTS	Date 30/09/88
2nd Inventor	Date 30/07/10
EDWARD JOHN LOUIS 3rd Inventor	Date
4th Inventor	Date
5th Inventor	
6th Inventor	Date
7th Inventor	Date
The above application may be more particularly identified as follow	
U.S. Application Serial No.	_ Filing Date
Applicant Reference Number	Atty Docket No.
Title of Invention	